
	Recommended Program of Study for: <b>Energy Technologies</b>				
Career Cluster: STEM			Career Pathway: Engineering & Technology		
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Postsecondary	
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Nevada State College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College	
Algebra I	Geometry	Algebra II	Senior Level Math Course		
Biology	Chemistry or Geoscience	Junior Level Science Course	Elective <sup>1</sup>		
Health / Computer Literacy	World History	US History	US Government		
Physical Education	Physical Education	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Foreign Language <sup>2</sup> or Elective <sup>1</sup>		
Energy Technologies I	Energy Technologies II	Energy Technologies III <sup>3</sup>	Energy Technologies Advanced Studies	Career and Technical Student Organizations	
Work-Based Learning		Secondary	-- Articulation --		Postsecondary
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers		Energy Technologies I Energy Technologies II Energy Technologies III	(subject to change)		SkillsUSA
CTE Assessments <sup>3</sup>		Available Industry Certifications		High Wage - High Skill - High Demand Careers <sup>4</sup>	
-End of Program Technical Assessment for Energy Technologies -Workplace Readiness Skills Assessment (for Employability Skills Standards)		<u>Certification</u> CareerSafe Core Curriculum Alternative Energy	<u>Provider</u> OSHA NCCER NCCER	Calibration Technician Instrument Control Technician Hydro Testing Technician Power Generating and Reactor Plant Operator Specialty Trades Contractor System Installer Thermal Control Technician	

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

<sup>1</sup> Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

<sup>2</sup> Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

<sup>3</sup> CTE Assessments will be administered during the completion level CTE course.

<sup>4</sup> For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>

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